

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E84962

Participation : CTR

Employer : Seattle Housing Authority

Status : Affected

Worksite : Central Office/Wakefield Building

Survey Type : Online

Street : 190 Queen Anne Ave N

Response Rate : 84%

Jurisdiction : City of Seattle

Survey Date : 10/15/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 69.2%

Drive Alone Rate : 30.8%

One-Way VMT per employee : 5.1

Average One-Way distance home to work : 14.7

Employees and Survey Response Information

Reported Total Employees at Worksite: 277

Surveys Distributed : 277

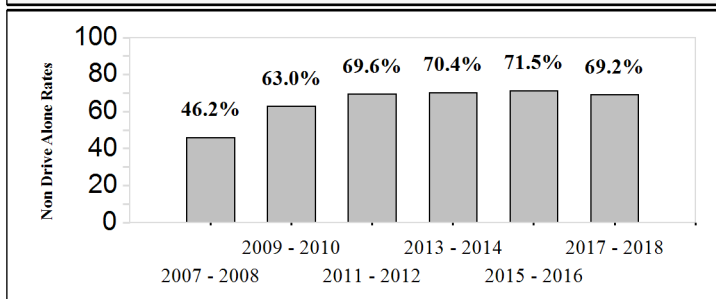
Surveys Returned : 232

Surveys Returned by CTR Affected* Employees : 215

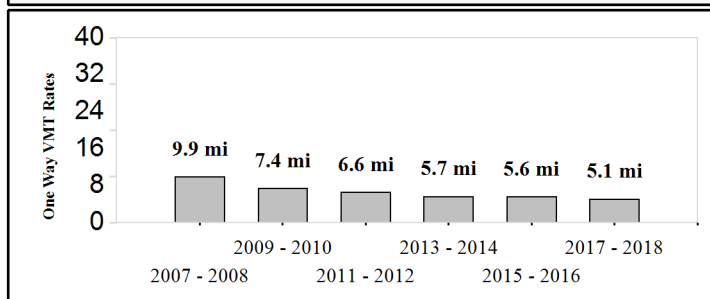
Total Estimated CTR Affected Employees at Worksite : 257

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

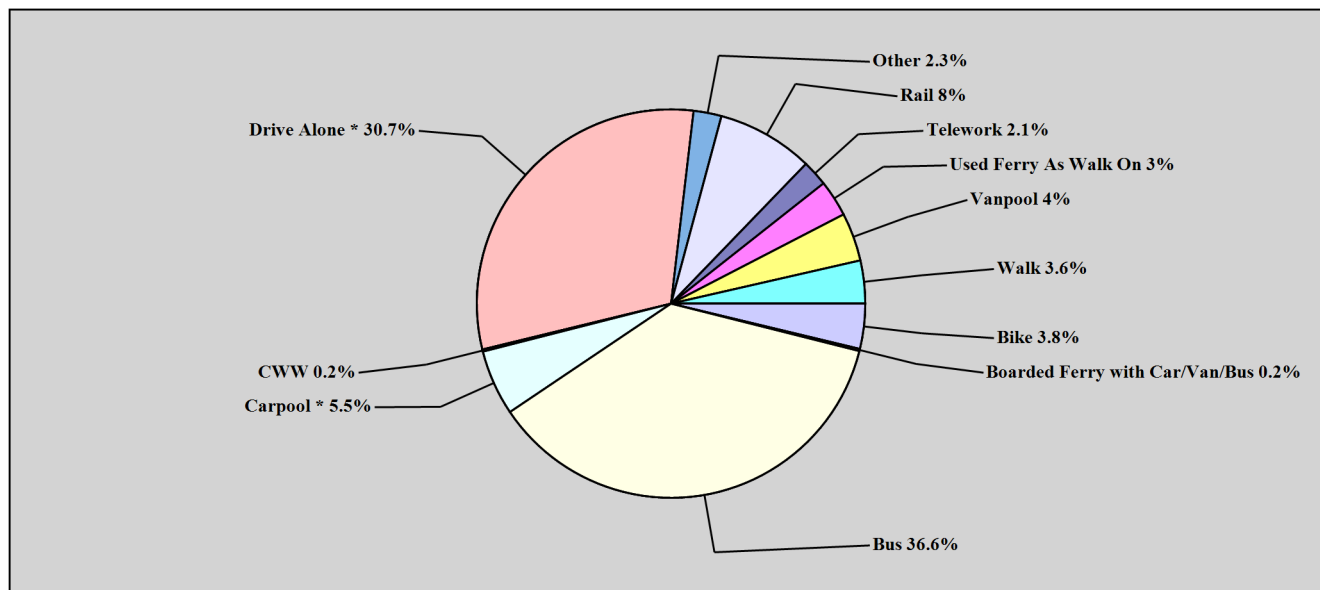
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	46.2%	47.0%	216	288	9.2	9.9	9.6
2009 - 2010	63.0%	65.0%	172	239	7.6	7.4	7.3
2011 - 2012	69.6%	70.3%	147	204	6.5	6.6	6.4
2013 - 2014	70.4%	72.0%	186	633	20.2	5.7	5.5
2015 - 2016	71.5%	71.8%	195	259	8.2	5.6	5.7
2017 - 2018	69.2%	69.3%	254	303	9.6	5.1	5.3
Target	60.0%				Target:	N/A	
% Point Change Target:	13.8				% Change Target:	N/A	
% Point Change from Baseline:	23.0				% Change from Baseline:	-48.5%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



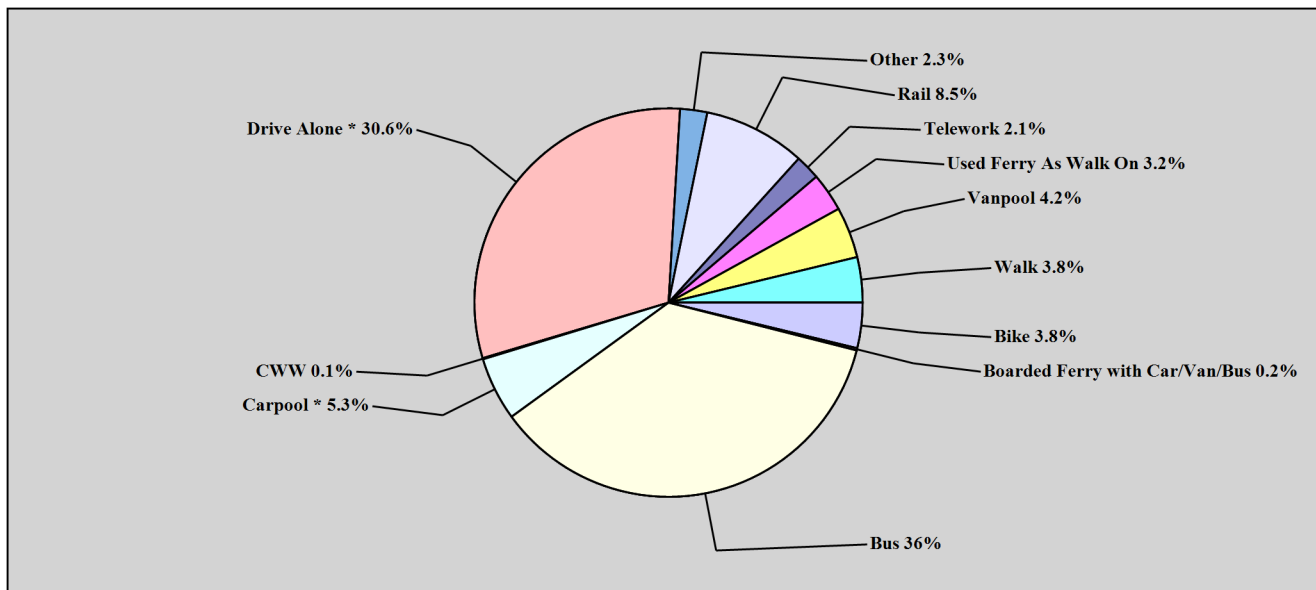
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	343	30.7%	28.5%	104	44.8%	37.3%
Carpool *	61	5.5%	9.8%	19	8.2%	12.4%
Vanpool	45	4.0%	12.1%	11	4.7%	12.4%
Bus	410	36.6%	30.5%	105	45.3%	36.7%
Rail	90	8.0%	4.7%	22	9.5%	5.9%
Bike	42	3.8%	2.9%	13	5.6%	3.6%
Walk	40	3.6%	3.3%	11	4.7%	4.1%
Telework	24	2.1%	2.2%	16	6.9%	9.5%
CWW	2	0.2%	0.1%	2	0.9%	0.6%
Boarded Ferry with Car/Van/Bus	2	0.2%	0.6%	1	0.4%	0.6%
Used Ferry As Walk On	34	3.0%	3.3%	8	3.4%	4.1%
Other	26	2.3%	2.1%	8	3.4%	3.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	324	30.6%	28.2%	96	44.7%	37.9%
Carpool *	56	5.3%	10.2%	17	7.9%	13.0%
Vanpool	45	4.2%	11.5%	11	5.1%	11.8%
Bus	382	36.0%	30.6%	95	44.2%	36.6%
Rail	90	8.5%	4.9%	22	10.2%	6.2%
Bike	40	3.8%	2.8%	12	5.6%	3.1%
Walk	40	3.8%	3.4%	11	5.1%	4.3%
Telework	22	2.1%	2.1%	14	6.5%	9.3%
CWW	1	0.1%	0.1%	1	0.5%	0.6%
Boarded Ferry with Car/Van/Bus	2	0.2%	0.6%	1	0.5%	0.6%
Used Ferry As Walk On	34	3.2%	3.4%	8	3.7%	4.3%
Other	24	2.3%	2.1%	6	2.8%	3.1%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	50	22%	232	100%
1 Days	13	6%	182	78%
2 Days	11	5%	169	73%
3 Days	18	8%	158	68%
4 Days	29	13%	140	60%
5 Days	101	44%	111	48%
6 or More Days	10	4%	10	4%

Count by Occupancy of Carpools and Vanpools

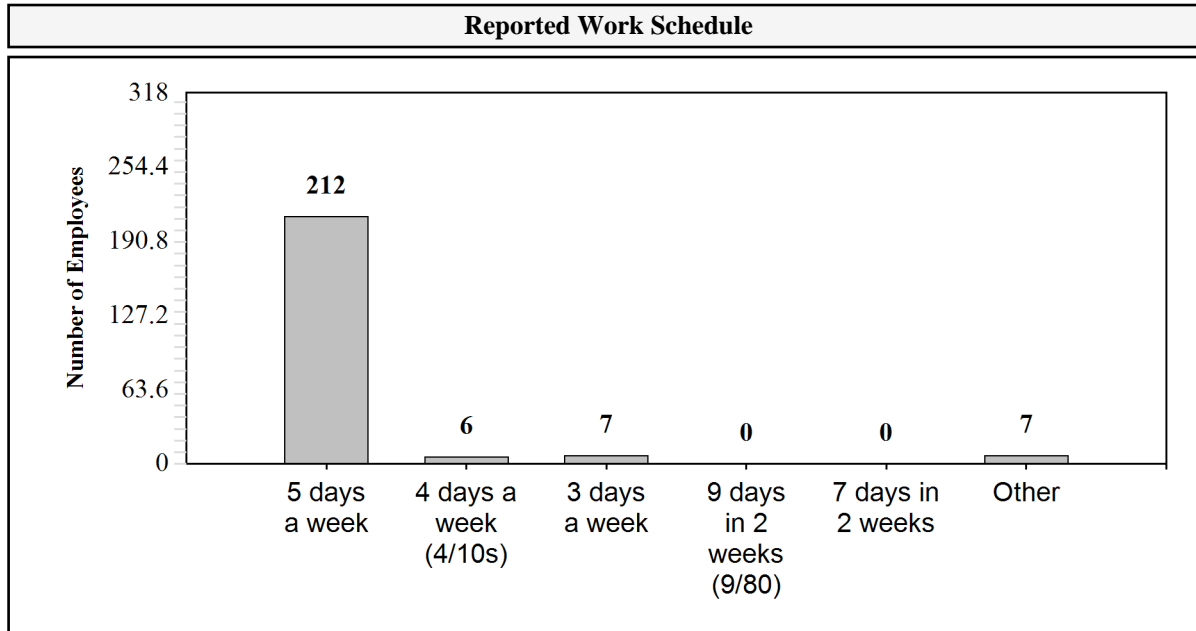
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	55
3	Carpool	0
4	Carpool	0
5	Carpool	6
>5	Carpool	0
<5	Vanpool	19
5	Vanpool	12
6	Vanpool	14
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

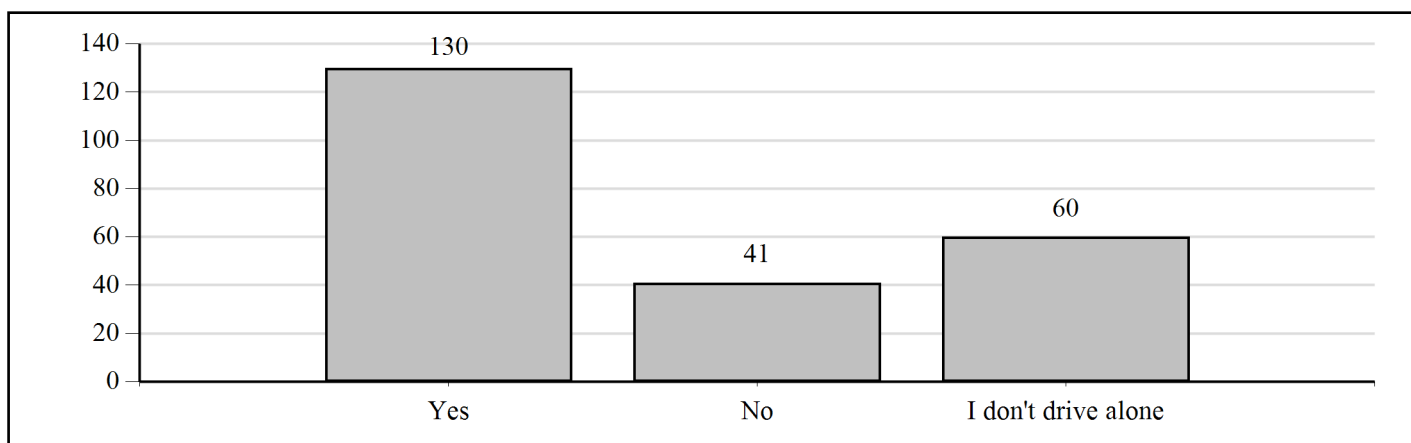
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	212	91.4%
4 days a week (4/10s)	6	2.6%
3 days a week	7	3%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	7	3%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.4%
I don't telework	152	65.5%
Occasionally, on an as-needed basis	55	23.7%
1-2 days/month	4	1.7%
1 day/week	14	6.0%
2 days/week	4	1.7%
3 days/week	2	0.9%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	142	23.7%
Cost of parking or lack of parking	101	16.9%
To save money	92	15.4%
Personal health or well-being	68	11.4%
Environmental and community benefits	55	9.2%
Other	36	6.0%
To save time using the HOV lane	27	4.5%
Driving myself is not an option	27	4.5%
Financial incentives for carpooling, bicycling or walking.	21	3.5%
I have the option of teleworking	21	3.5%
Preferred/reserved carpool/vanpool parking is provided	6	1.0%
Emergency ride home is provided	3	0.5%
I receive a financial incentive for giving up my parking space	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	118	24.7%
Family care or similar obligations	104	21.8%
I like the convenience of having my car	98	20.5%
Other	89	18.7%
Bicycling or walking isn't safe	20	4.2%
My job requires me to use my car for work	19	4.0%
My commute distance is too short	15	3.1%
I need more information on alternative modes	13	2.7%
There isn't any secure or covered bicycle parking	1	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98117	9	3.88%	16	5	0	1	20	0	2	0	0	0	0	0	0
98144	9	3.88%	14	5	0	0	10	0	10	0	2	0	0	0	0
98109	8	3.45%	10	0	0	0	11	0	0	16	1	0	0	0	0
98003	7	3.02%	14	0	3	0	17	4	0	0	0	0	0	0	0
98118	7	3.02%	17	0	0	0	2	8	5	0	0	0	0	0	0
98119	7	3.02%	7	0	0	2	9	0	0	14	0	0	0	0	3
98106	6	2.59%	9	5	0	0	15	0	0	0	0	1	0	0	0
98116	6	2.59%	5	1	0	0	23	0	0	0	2	0	0	0	0
98125	6	2.59%	14	0	0	0	8	0	3	0	0	0	0	0	0
98168	6	2.59%	18	0	8	1	0	1	0	0	0	0	0	0	0
98006	5	2.16%	5	5	0	0	16	0	0	0	0	0	0	0	0
98023	5	2.16%	5	0	14	0	5	0	0	0	0	0	0	0	0
98036	5	2.16%	9	4	0	0	9	0	0	0	1	0	0	0	0
98102	5	2.16%	3	0	0	0	11	0	0	5	0	0	0	0	1
98107	5	2.16%	5	0	0	0	15	0	6	0	0	0	0	0	0
98108	5	2.16%	15	2	0	0	8	1	0	0	0	0	0	0	0
98112	5	2.16%	3	4	0	0	16	0	0	0	0	0	0	0	0
98115	5	2.16%	3	0	0	0	13	0	4	0	0	1	0	0	1
98133	5	2.16%	9	0	0	0	12	0	0	0	0	0	0	0	0
98026	4	1.72%	12	3	0	0	5	0	0	0	0	0	0	0	0
98056	4	1.72%	13	5	0	0	1	0	0	0	0	0	0	0	0
98103	4	1.72%	1	0	0	0	13	0	5	0	1	0	0	0	0
98126	4	1.72%	0	0	10	0	5	0	0	0	0	0	0	0	0
98199	4	1.72%	2	0	0	0	18	0	0	0	0	0	0	0	0
98031	3	1.29%	4	0	0	0	0	10	0	0	0	0	0	0	0
98042	3	1.29%	6	0	0	0	0	9	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98110	3	1.29%	0	0	0	0	0	0	5	0	2	0	0	8	0
98122	3	1.29%	1	0	0	0	10	0	0	0	1	0	0	0	2
98155	3	1.29%	10	0	0	0	5	0	0	0	0	0	0	0	0
98177	3	1.29%	0	1	0	0	7	0	2	0	1	0	0	0	0
98208	3	1.29%	5	0	0	0	10	0	0	0	0	0	0	0	0
98002	2	0.86%	5	1	0	0	0	7	0	0	0	0	0	0	0
98004	2	0.86%	2	0	0	0	5	0	0	0	1	0	0	0	0
98012	2	0.86%	5	0	0	0	4	0	0	0	1	0	0	0	0
98032	2	0.86%	6	0	5	0	0	0	0	0	0	0	0	0	0
98033	2	0.86%	0	4	0	0	5	0	0	0	0	0	0	0	0
98034	2	0.86%	3	0	5	0	1	0	0	0	0	0	0	0	0
98038	2	0.86%	6	6	0	0	0	0	0	0	0	0	0	0	0
98055	2	0.86%	5	0	0	0	5	0	0	0	0	0	0	0	0
98057	2	0.86%	5	0	0	0	5	0	0	0	0	0	0	0	0
98065	2	0.86%	6	2	0	0	0	0	0	0	2	0	0	0	0
98070	2	0.86%	0	0	0	0	0	0	0	0	0	0	0	10	0
98072	2	0.86%	0	0	0	0	10	0	0	0	0	0	0	0	0
98087	2	0.86%	0	0	0	0	9	0	0	0	0	0	0	0	0
98101	2	0.86%	0	0	0	0	0	0	0	5	0	0	0	0	5
98104	2	0.86%	0	0	0	0	10	0	0	0	0	0	0	0	0
98105	2	0.86%	9	0	0	0	1	0	0	0	0	0	0	0	0
98178	2	0.86%	0	0	0	0	0	10	0	0	0	0	0	0	0
98391	2	0.86%	0	0	0	0	0	10	0	0	0	0	0	0	0
98467	2	0.86%	5	0	0	0	0	5	0	0	0	0	0	0	0
98001	1	0.43%	0	5	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.43%	2	0	0	0	3	0	0	0	0	0	0	0	0
98021	1	0.43%	0	0	0	0	4	0	0	0	0	0	0	0	0
98022	1	0.43%	0	0	0	0	0	7	0	0	0	0	0	0	0
98027	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98028	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98029	1	0.43%	3	0	0	0	0	1	0	0	0	0	0	0	0
98037	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98058	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98059	1	0.43%	3	0	0	0	0	0	0	0	1	0	0	0	0
98092	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98121	1	0.43%	0	0	0	0	0	0	0	0	5	0	0	0	0
98136	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98146	1	0.43%	4	0	0	0	0	0	0	0	0	0	0	0	0
98166	1	0.43%	3	0	0	0	1	1	0	0	0	0	0	0	0
98188	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.43%	1	2	0	0	0	2	0	0	0	0	0	0	0
98203	1	0.43%	1	0	0	0	0	4	0	0	0	0	0	0	0
98270	1	0.43%	2	0	0	0	0	0	0	0	0	0	0	0	0
98290	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.43%	0	0	0	0	0	0	0	0	2	0	0	3	0
98338	1	0.43%	5	0	0	0	0	0	0	0	0	0	0	0	0
98346	1	0.43%	0	0	0	0	0	0	0	0	0	0	2	3	0
98366	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	4	2
98367	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	6	0
98370	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98375	1	0.43%	0	0	0	0	0	5	0	0	0	0	0	0	0
98403	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98405	1	0.43%	4	0	0	0	0	0	0	0	1	0	0	0	0
98409	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	7
98418	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0
98422	1	0.43%	1	0	0	0	4	0	0	0	0	0	0	0	0



Weekly Count of Trips By Mode															
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98445	1	0.43%	0	1	0	0	4	0	0	0	0	0	0	0	0
98466	1	0.43%	0	0	0	0	0	0	0	0	0	0	0	0	5
98507	1	0.43%	0	0	0	0	5	0	0	0	0	0	0	0	0